



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Application Number:** 09/826,731

**Application Filed:** April 4, 2001

**Applicants:** Jerome O. Cantor, Bronislava Shteyngart

**Title:** Intratracheal Administration of Lysozyme

**Examiner/GAU:** Michael V. Meller/1651

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OCT 10 2002

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Brooklyn, New York, October 2, 2002

**AMENDMENT FOLLOWING FINAL ACTION**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir,

Please cancel all existing claims and replace them with the following ones:

28. A method of treating pneumonia that comprises intratracheally administering a therapeutically effective amount of lysozyme to the lung of a mammal suffering from said disease.
29. A method of claim 1, wherein intratracheal administration is performed by nebulization.
30. A method of claim 1, wherein the lysozyme is isolated from a natural source such as eggs.
31. A method of claim 1, wherein the lysozyme is produced by a bioprocess such as fermentation.
32. A method of claim 1, wherein the mammal is a human.
33. A method of claim 1, wherein the pneumonia is caused by a bacterium.

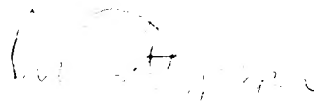
34. A method of claim 1, wherein the lysozyme is administered with a carrier, such as DMSO, an alcohol, or water .
35. A method of claim 1, wherein the effective amount of lysozyme is from about 10 micrograms per kilogram body weight per day to about 1 milligram per kilogram body weight per day.

It is respectfully requested that these claims now be placed in condition for allowance. Where appropriate, the applicants request constructive assistance with regard to the wording of the claims in order to place them in such condition.

Sincerely yours,



Jerome O. Cantor, MD



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